VOICE PACKET MULTIPLEXING SYSTEM
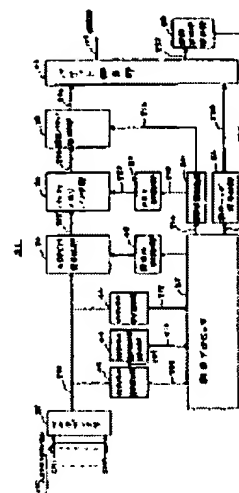
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Abstract of JP1300738

PURPOSE:To preferentially process a voice call in corresponding to the tentative congesting state of a line by providing a voice operation rate detecting means so that an increase in the voice operating factor of a tentative voice call can be coped with by means of a change in compression ratio of the call and, at the same time, a line utilizing rate detecting means. CONSTITUTION:An assignment processor 52 controls a preferential packet processing section 38 so that data preferential allocation can be performed when a line utilizing rate inputted from the line utilizing rate detecting section 58 does not exceeds a specific value (beta) and voice preferential allocation can be performed when the rate exceeds the value (beta). Moreover, the processor 52 receives the voice operating factor of signals received in voices from the n-channel voice operating factor detecting section 44 and designates a coding controlling section 40 to make the conversion of ADPCM 3-bit information when the voice operating rate of a trunk channel within a fixed time TA exceeds a specific value (alpha) and of ADPCM 4-bit information when the rate does not exceed the value (alpha). Then the processor 52 controls a coding section 34 to convert the PCM 8-bit signals of the truck channel number into ADPCM 3 bit or 4-bit information.

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